

MEMORANDUM

DATE:	October 17 th , 2016
FROM:	Eric Lancaster
SUBJECT:	Weekly Progress Report @ Gold King
TO:	Kerry Guy

Project: Gold King Interim Water Treatment Plant (IWTP)

Reporting Period: Oct 10 – Oct 17

Location: Gladstone, Colorado

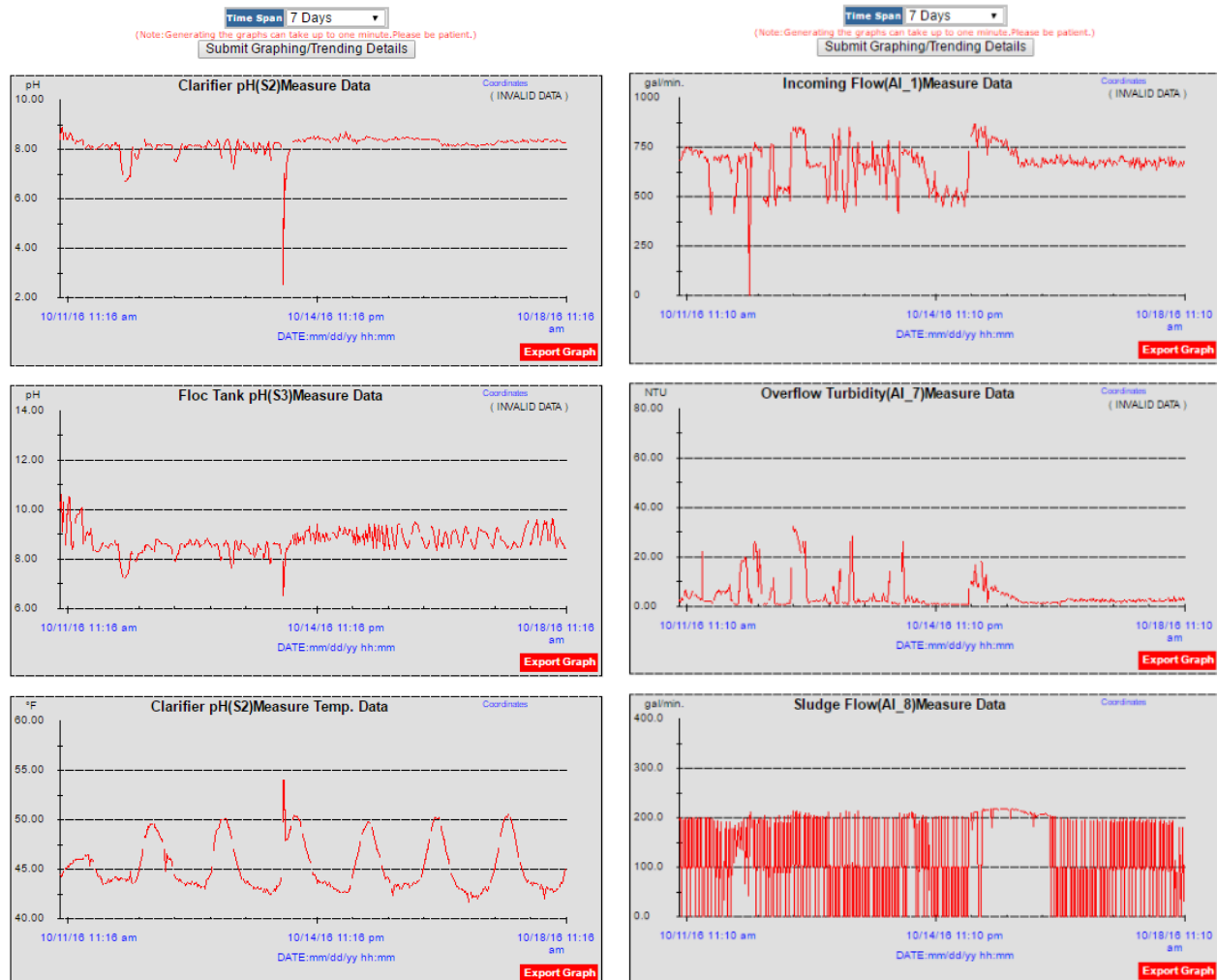
Report No.: 40

Prepared for: Emergency Response Unit – US EPA Region 8

I. General Operations Summary:

IWTS Function/Upsets

- The following graphs provide trending information during the previous 7 days. The dataloggers collect control information from the Lime Circuit (left) and Flow Circuit (right) Programmable Logic Controllers (PLCs) at the Gold King IWTP. Over the reporting period (10/10 – 10/17/2016 inclusive) Alexco treated 6.85 million gallons at an average flow rate of 680 gpm.



Communication System Function Status

- No issues – reliable operations during the reporting period.

Facility or System Related Work, including Repairs & Completions

- Alexco/Summit Mechanical reconnected the Reactor Tank to the Phase II clarifier and rerouted the 3" sludge line to the bags.
- Alexco/StoneTree poured an 8" thick concrete extension to the existing pad, as well as sill around the existing IWTP building to keep water from infiltrating underneath the walls.
- ER removed the sludge and bag from Cell B.
- Lange Containment relined Cell A. ER installed 2" round river rock within Cell A, 10" thick.
- Rapid Energy reconnected the 50hp blower, and will procure all materials for heat trace, pump starters, and outlets at each cell.

II. Identified Problems, Causes, and Solutions (Planned or Implemented)

- N/A

III. System Inspections – Specific elements inspected and finding

- N/A

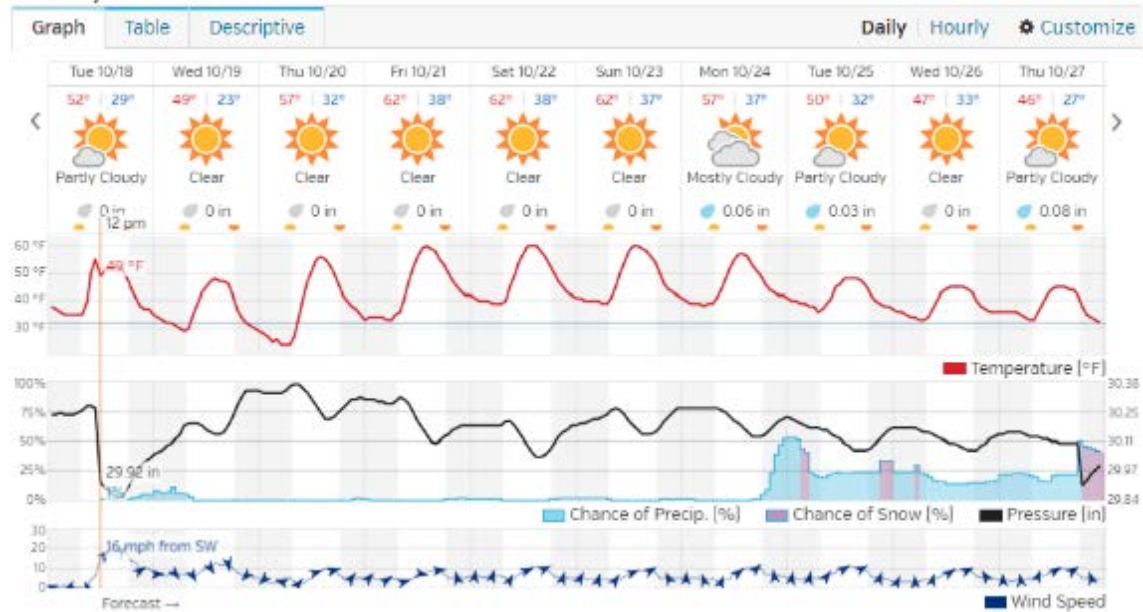
IV. Site Status**Personnel and equipment onsite**

- Alexco currently employs one full-time employee (FTE), and a part-time employee who both live in Silverton and oversee operations at the Gold King IWTP. The site is also supported by remote operators from Monte Vista and Denver, and local sub-contractors as needed.

Weather conditions

- Weather Underground Report for Silverton, CO (10/18 – 10/27/2016)

10-Day Weather Forecast



Pictures from Site



Photo 1: Removal of sludge from Cell B.



Photo 2: Pour of concrete extension, rock placement in Cell A, and removal of sludge from Cell B.